

# **Sediment Management Strategic Plan Task Force Meeting # 2**

## **Alternatives Screening Process**

**Presented by: Dan Sharp, P.E.**


**April 18, 2011**



A decorative header at the top of the slide consisting of a long brown rectangle on the left and three smaller squares (blue, green, and orange) on the right.

# Goal

**Manage sediment in order to provide for the flood risk management and water conservation needs of the region while balancing economic, environmental, and social concerns.**

A decorative footer at the bottom of the slide featuring a blue background with white, curved, perspective lines that create a sense of depth and movement.

# Evaluation Factors

- **Technical Feasibility Factor**
- **Cost Factor**
- **Environmental Factor**
- **Social / Quality of Life Factor**

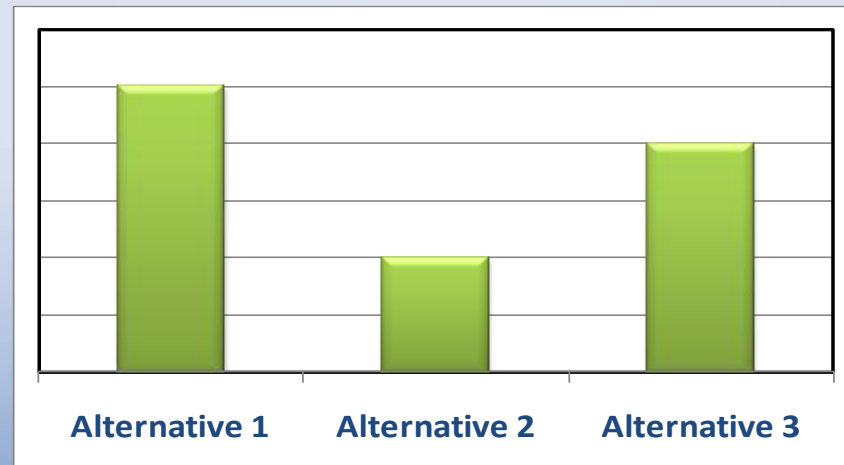
# Technical Feasibility Factor

- **Ability to meet needs**
  - Peak demand
  - Long-term (20-year) needs
- **Technical certainty**
- **Maintenance intensity**
- **Right-of-way**
- **Permitting complexity**
- **Consistency with surrounding land use**



# Cost Factor

- **Unit present value cost (dollars per cubic yard)**
  - Initial cost & long-term operations costs
  - Single number in today's dollars





# Environmental Factor

- Habitat
- Water quality
- Air quality / emissions



# Social / Quality of Life Factor

- Traffic
- Noise
- Scenic resources



# Proposed Weights

- Technical Feasibility Factor \_\_\_\_\_%
- Cost Factor \_\_\_\_\_%
- Environmental Factor \_\_\_\_\_%
- Social / Quality of Life Factor \_\_\_\_\_%

**Total of Weights**

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**100%**





Los Angeles County Department of Public Works  
**Sediment Management Strategic Plan**  
**Alternatives Screening Tool Feedback Form**



Please fill this form out & return it one of the following ways by May 2, 2011. Thank you!

1. Drop it off today at the back table (where you signed-in)
2. Email responses to SedimentMgmtPlan@dpw.lacounty.gov

NAME: \_\_\_\_\_

ORGANIZATION/AGENCY: \_\_\_\_\_

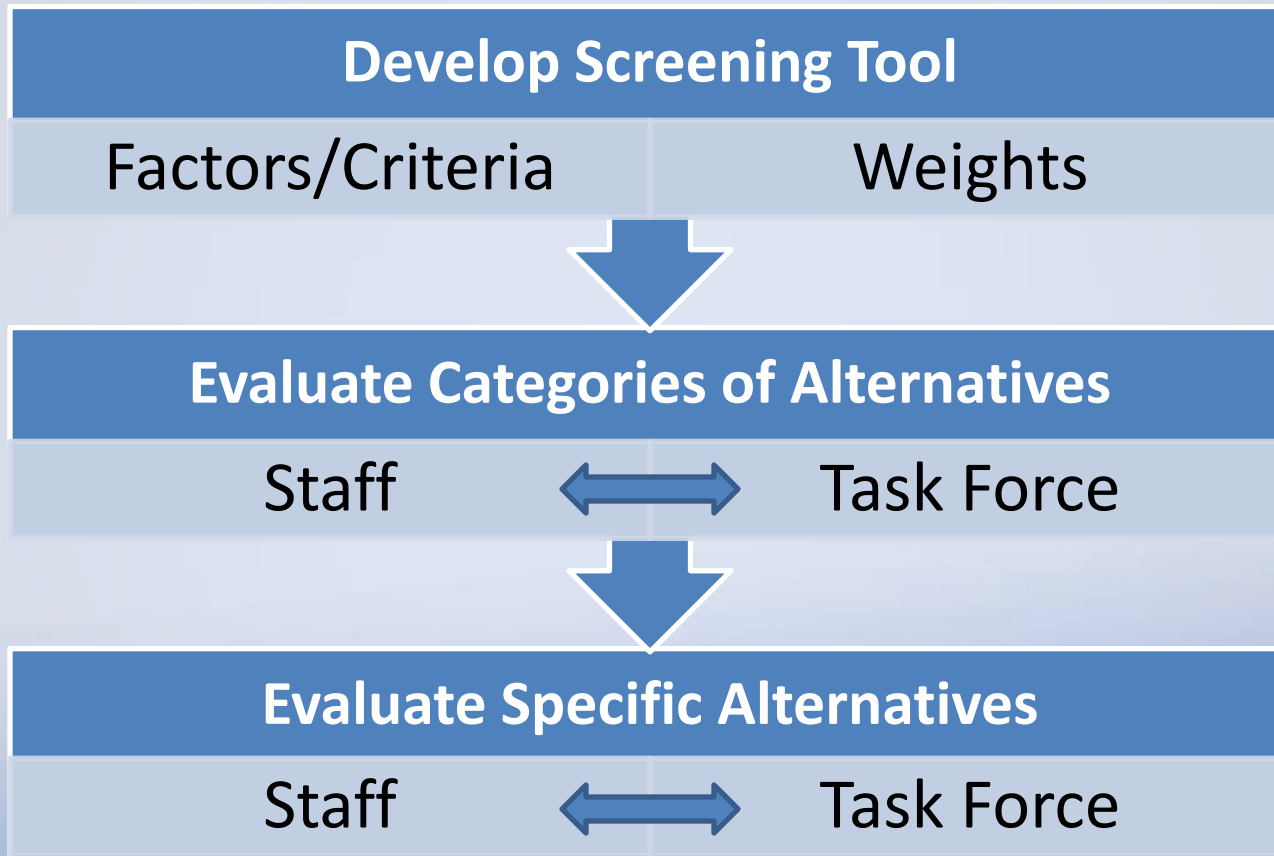
EMAIL: \_\_\_\_\_ PHONE: \_\_\_\_\_

Please make all proposed factor weights add to 100%

Are there other factors you think we should consider?	Suggested Weight? (%)

Alternative Evaluation Factors	Suggested Weight? (%)
<b>Technical Feasibility Factor</b> <ul style="list-style-type: none"><li>• Ability to meet needs: peak demand, long-term (20-year) needs</li><li>• Right-of-way</li><li>• Technical certainty</li><li>• Permitting complexity</li><li>• Maintenance intensity</li><li>• Consistency with surrounding land use</li></ul>	
Other comments on Technical Feasibility Factor:	
<b>Cost Factor</b> <ul style="list-style-type: none"><li>• Unit Present Value Cost (dollar per cubic yard)<ul style="list-style-type: none"><li>◦ Initial cost and long-term operations cost</li></ul></li></ul>	
Other comments on Cost Factor:	
<b>Environmental Factor</b> <ul style="list-style-type: none"><li>• Habitat</li><li>• Water quality or quantity</li><li>• Air quality and emissions</li></ul>	
Other comments on Environmental Factor:	
<b>Social/Quality of Life Factor</b> <ul style="list-style-type: none"><li>• Traffic</li><li>• Noise</li><li>• Scenic Resources</li></ul>	
Other comments on Social/Quality of Life Factor:	

# Screening Process





# **Thank you**

**Please send your comments or questions  
about the Sediment Management Strategic Plan to**

**[SedimentMgmtPlan@dpw.lacounty.gov](mailto:SedimentMgmtPlan@dpw.lacounty.gov)**